

# Work Order ID 65020

Wednesday, January 05, 2011 2:42:53 PM



Page 1

Item ID: D412-702-113B

Accept



Setup Start



Revision ID:

Item Name: Harness Assembly

Stop



Start Date: 1/5/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 1/14/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

*[Signature]*

Date: 11-05-1

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

Draw Nbr

Revision Nbr

100

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

110

0.00



Small Fab

Memo

0.00

Small Fab

Assemble as per ICA D412-702 P79

120

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

*S 11/01/06*

*Pto →*  
*EB 11/01/06* *⓪*

*EB 11/01/06* *⓪*

*70*

| W/O: 65020 |      | WORK ORDER CHANGES                                    |    |          |     |                                     |                          |
|------------|------|---|----|----------|-----|-------------------------------------|--------------------------|
| DATE       | STEP | PROCEDURE CHANGE                                      | By | Date     | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
| 11/01/06   | 100  | Perm. Change<br>Add correct information to repair box | 11 | 11.01.07 |     |                                     | 11/01/06                 |
|            |      |   |    |          |     |                                     |                          |

Part No: D412-702-113B PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

**Work Order ID 65020**

Wednesday, January 05, 2011 2:42:53 PM

Page 2

Item ID: D412-702-113B

Accept

Setup Start

Revision ID:

Stop

Item Name: Harness Assembly

Start Date: 1/5/2011 Start Qty: 1.00

Required Date: 1/14/2011 Req'd Qty: 1.00

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start

QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

|     |  |      |  |  |  |  |  |  |  |
|-----|--|------|--|--|--|--|--|--|--|
| 130 | Identify as per dwg & Stock Location: <u>274</u> | 0.00 |  |  |  |  |  |  |  |
|-----|--|------|--|--|--|--|--|--|--|



Packaging

Memo

0.00

Packaging

|     |   |      |  |  |  |  |  |  |  |
|-----|---|------|--|--|--|--|--|--|--|
| 140 | QC21- Final Inspection - Work Order Release | 0.00 |  |  |  |  |  |  |  |
|-----|---|------|--|--|--|--|--|--|--|



QC

Memo

0.00

Quality Control

11/1/6 MS SP

11/01/07

MF  
11-01-06

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries





Wednesday, January 05, 2011 2:42:57 PM

Page 1

[illegible]**Required Date:** 1/14/2011

**Required Qty: 1.00**

**Comments:** IPP rev A 07.05.11 new issue EC  
IPP Rev:B Removed Decal D3569 07-07-06 JLM

| Component Item ID/<br>Item Name  | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty    | Qty<br>Issued | Date<br>Issued | Status |
|--|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|-----------------|---------------|----------------|--------|
| AN960JD10L<br>        | NAS1149D0332J          | Purchased     | No          |                     |                  | 100             | Each               | 0.0000         | 4           | 4               |               | 9/5/11/01/06   |        |
| Washer<br>D3570-2<br> |                        | Manufactured  | No          |                     |                  | 100             | Each               | 15.0000        | 1           | 1               |               | 9/5/11/01/06   |        |
| Bracket  |                        |               |             |                     |                  |                 |                    |                |             |                 |               |                |        |
|  |                        |               |             | <u>Location</u>     |                  |                 |                    | <u>Loc Qty</u> |             | <u>Loc Code</u> |               |                |        |
|  |                        |               |             | ST245A              |                  |                 |                    | 15             |             |                 |               |                |        |
|  |                        |               |             | 58460               |                  |                 |                    | 15             |             |                 |               |                |        |
| D3579-048<br>         |                        | Manufactured  | No          |                     |                  | 100             | Each               | 2.0000         | 1           | 1               |               | 9/5/11/01/06   |        |
| Shoulder Harness   |                        |               |             |                     |                  |                 |                    |                |             |                 |               |                |        |
|  |                        |               |             | <u>Location</u>     |                  |                 |                    | <u>Loc Qty</u> |             | <u>Loc Code</u> |               |                |        |
|  |                        |               |             | ST274               |                  |                 |                    | 2              |             |                 |               |                |        |
|  |                        |               |             | 59042               |                  |                 |                    | 2              |             |                 |               |                |        |
| MS21042L3<br>       |                        | Purchased     | No          |                     |                  | 100             | Each               | 2,544.000      | 4           | 4               |               | 9/5/11/01/06   |        |
| Nut  |                        |               |             |                     |                  |                 |                    |                |             |                 |               |                |        |
|  |                        |               |             | <u>Location</u>     |                  |                 |                    | <u>Loc Qty</u> |             | <u>Loc Code</u> |               |                |        |
|  |                        |               |             | ST300               |                  |                 |                    | 2544           |             |                 |               |                |        |
|  |                        |               |             | 114784              |                  |                 |                    | 9              |             |                 |               |                |        |
|  |                        |               |             | 115835              |                  |                 |                    | 831            |             |                 |               |                |        |
|  |                        |               |             | 116373              |                  |                 |                    | 4              |             |                 |               |                |        |
|  |                        |               |             | 116391              |                  |                 |                    | 900            |             |                 |               |                |        |
|  |                        |               |             | 116540              |                  |                 |                    | 800            |             |                 |               |                |        |

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

# Picklist Print

Wednesday, January 05, 2011 2:42:57 PM

Page 2

Work Order ID: 65020

Parent Item: D412-702-113B

Parent Item Name: Harness Assembly



Start Date: 1/5/2011

Required Date: 1/14/2011

Start Qty: 1.00

Required Qty: 1.00

MS24694-S50

Purchased

No

100

Each

116.0000

4

4



Screw



*EPH/01/06*

Location

Loc Qty

Loc Code

ST289

116

115016

16

116304

100

4

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

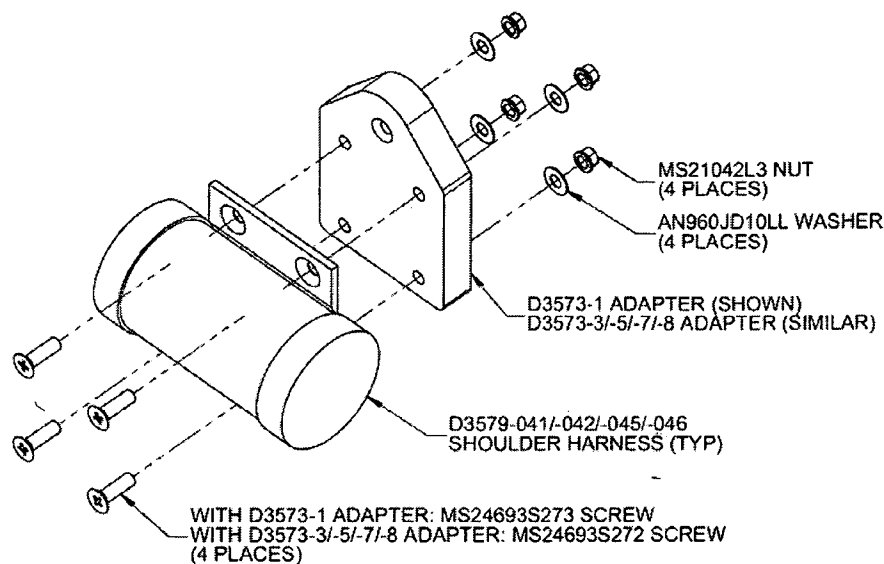
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

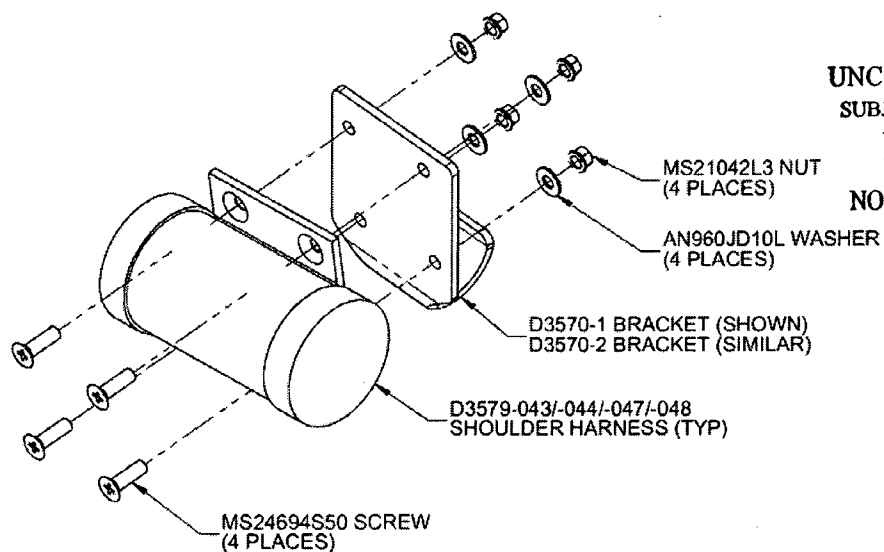
| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                                |                                 |                |                           |                       |                          |
|------|------|----------------------------------|--------------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action<br>Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng           | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries





**DETAIL 'K' D412-702-101A/-103A/-105A/-107A/-109A/-115A/-117A AND  
D412-702-101B/-103B/-105B/-107B/-109B/-115B/-117B HARNESS ASSEMBLIES**  
(BELTS, K6.2 CLIP AND D3569-1/-2/-3 DECAL NOT SHOWN)



**DETAIL 'L' D412-702-111A/-111B/-113A/-113B HARNESS ASSEMBLIES**  
(BELTS AND D3569-1/-2/-3 DECALS NOT SHOWN)

SHOP COPY  
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SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 65020

*BP 11-01-5*

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| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries